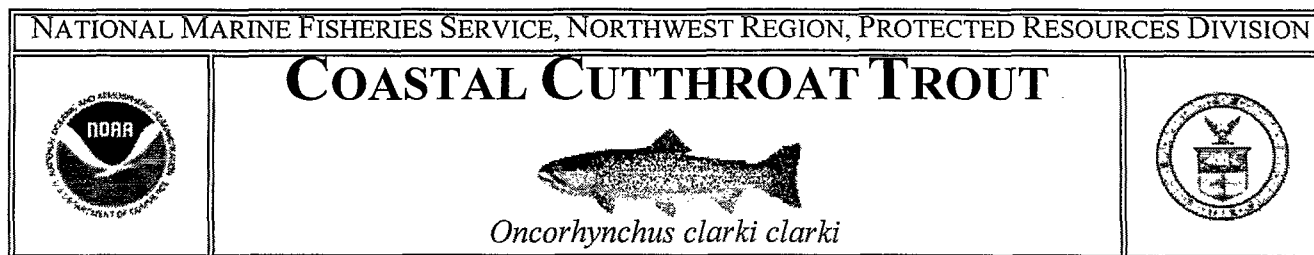


REFERENCE 15

**National Oceanic and Atmospheric Administration,
internet web site www.nwr.noaa.gov, accessed on January 6, 2000,
regarding Protected Resources.**

Doc ID# 136744

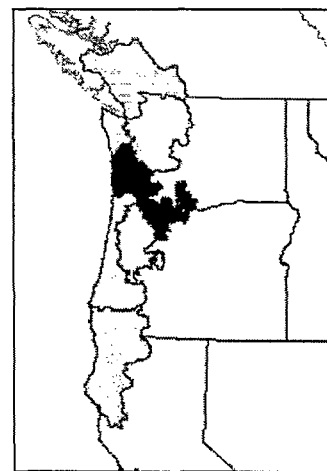
Reference 15



SOUTHWESTERN WASHINGTON/ COLUMBIA RIVER

Proposed Threatened
April 1999

ESU* STATUS AND DESCRIPTION: Proposed for listing as a threatened species on April 5, 1999. The ESU includes populations of coastal cutthroat trout in the Columbia River and its tributaries downstream from the Klickitat River in Washington and Fifteenmile Creek in Oregon (inclusive) and the Willamette River and its tributaries downstream from Willamette Falls. The ESU also includes coastal cutthroat trout populations in Washington coastal drainages from the Columbia River to Grays Harbor (inclusive). Major river basins containing spawning and rearing habitat for this ESU comprise approximately 12,136 square miles in Oregon and Washington. The following counties lie partially or wholly within these basins: Oregon - Clackamas, Clatsop, Columbia, Hood River, Marion, Multnomah, Wasco, and Washington; Washington - Clark, Cowlitz, Grays Harbor, Jefferson, Klickitat, Lewis, Mason, Pacific, Skamania, Thurston, Wahkiakum, and Yakima.



* An Evolutionarily Significant Unit or "ESU" is a distinctive group of Pacific salmon, steelhead, or sea-run cutthroat trout.

CRITICAL HABITAT:

Current Status - None proposed at this time.

Description - not applicable.

PROTECTIVE REGULATIONS: None proposed at this time.

ESU MAPS AND DATA:

- View Detailed Southwestern Washington/Columbia River Coastal Trout ESU Map (Adobe Acrobat PDF format)
- View Range Map for all Coastal Cutthroat ESUs
- Download coastal cutthroat trout ESU data in Arc/Info export and shape file format
- Download E-sized plot files of coastal cutthroat trout listings in RTL file format for large format plotters

STATUS REVIEW:

NOAA Technical Memorandum NMFS-NWFSC-37, January 1999

Status Review of Coastal Cutthroat Trout from Washington, Oregon, and California. (3.5 M)

FEDERAL REGISTER NOTICES:

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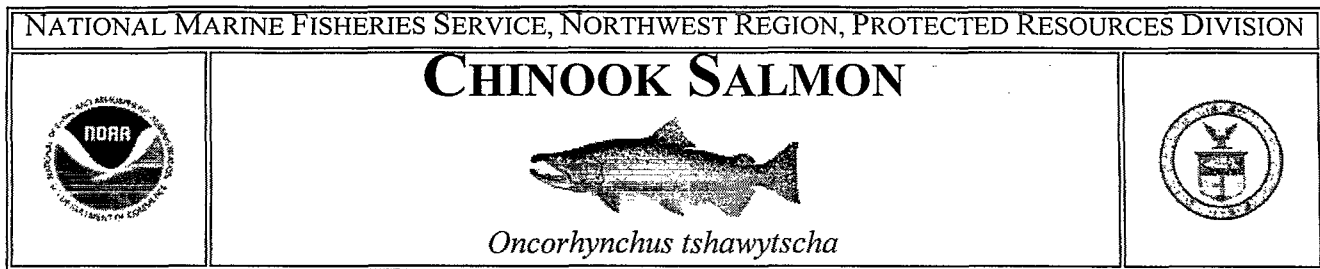


Federal Register Notices for Coastal Cutthroat Trout §

§ You will need Adobe Acrobat Reader in order to view and print the detailed ESU map file and the Federal Register Notices. This program is available for free at the following link.



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Updated April 5, 1999

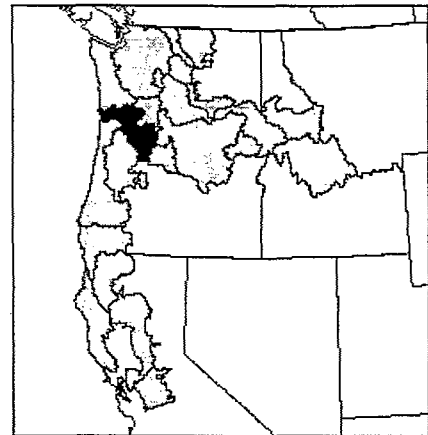


LOWER COLUMBIA RIVER ESU*

Listed Threatened
March 1999

ESU* STATUS AND DESCRIPTION: Listed as a threatened species on March 24, 1999. The ESU includes all naturally spawned populations of chinook salmon from the Columbia River and its tributaries from its mouth at the Pacific Ocean upstream to a transitional point between Washington and Oregon east of the Hood River and the White Salmon River, and includes the Willamette River to Willamette Falls, Oregon, exclusive of spring-run chinook salmon in the Clackamas River.

* An Evolutionarily Significant Unit or "ESU" is a distinctive group of Pacific salmon, steelhead, or sea-run cutthroat trout.



CRITICAL HABITAT:

Current Status - Proposed on March 9, 1998.

Description - Critical habitat is proposed to include all river reaches accessible to chinook salmon in Columbia River tributaries between the Grays and White Salmon Rivers in Washington and the Willamette and Hood Rivers in Oregon, inclusive. Also included are river reaches and estuarine areas in the Columbia River from a straight line connecting the west end of the Clatsop jetty (south jetty, Oregon side) and the west end of the Peacock jetty (north jetty, Washington side) upstream to The Dalles Dam. Excluded are areas above specific dams or above longstanding, naturally impassable barriers (i.e., natural waterfalls in existence for at least several hundred years). Major river basins containing spawning and rearing habitat for this ESU comprise approximately 6,338 square miles in Oregon and Washington. The following counties lie partially or wholly within these basins: Oregon - Clackamas, Clatsop, Columbia, Hood River, Marion, Multnomah, Wasco, and Washington; Washington - Clark, Cowlitz, Klickitat, Lewis, Pacific, Skamania, and Wahkiakum.

More detailed critical habitat information (i.e., specific watersheds, migration barriers, habitat features, and special management considerations) for this ESU can be found in the March 9, 1998 Federal Register notice.

PROTECTIVE REGULATIONS: None proposed at this time.

ESU MAPS AND DATA:

- [View Detailed Lower Columbia River Chinook ESU Map](#) (Adobe Acrobat PDF format)
- [View Range Map for all Chinook ESUs](#)
- [Download Chinook salmon ESU data in Arc/Info export and shape file format](#)
- [Download E-sized plot files of West Coast chinook salmon listings in RTL file format for large format plotters](#)

003

STATUS REVIEWS:

NOAA Technical Memorandum NMFS-NWFSC-35, February 1998

Status Review of Chinook Salmon from Washington, Idaho, Oregon, and California

Status Review Update Memo (under construction)

**FEDERAL REGISTER NOTICES:**Federal Register Notices for Chinook Salmon §

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Updated September 9, 1999

004



Lower Columbia River/Southwest Washington ESU*

Candidate
July 1995

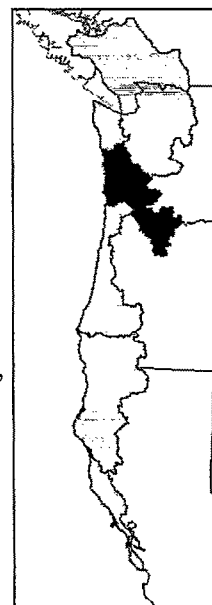
ESU* STATUS AND DESCRIPTION: On July 25, 1995, NMFS determined that listing was not warranted for this ESU. However, the ESU is designated as a candidate for listing due to concerns over specific risk factors. The ESU includes all naturally spawned populations of coho salmon from Columbia River tributaries below the Klickitat River on the Washington side and below the Deschutes River on the Oregon side (including the Willamette River as far upriver as Willamette Falls), as well as coastal drainages in southwest Washington between the Columbia River and Point Grenville. Major river basins containing spawning and rearing habitat for this ESU comprise approximately 10,418 square miles in Oregon and Washington. The following counties lie partially or wholly within these basins: Oregon - Clackamas, Clatsop, Columbia, Hood River, Marion, Multnomah, Wasco, and Washington; Washington - Clark, Cowlitz, Grays Harbor, Jefferson, Klickitat, Lewis, Mason, Pacific, Skamania, Thurston, and Wahkiakum.

* An Evolutionarily Significant Unit or "ESU" is a distinctive group of Pacific salmon, steelhead, or sea-run cutthroat trout.

CRITICAL HABITAT:

Current Status - not applicable.

Description - not applicable.



PROTECTIVE REGULATIONS: not applicable.

ESU MAPS AND DATA:

- [View Detailed Lower Columbia River/SW Washington Coho ESU Map](#) (Adobe Acrobat PDF format)s
- [View Range Map for all Coho ESUs](#)
- [Download coho salmon ESU data in Arc/Info export and shape file format](#)
- [Download E-sized plot files of West Coast coho salmon listings in RTL file format for large format plotters](#)

STATUS REVIEWS:

NOAA Technical Memorandum NMFS-F/NWC-202, June 1991
Status Review for Lower Columbia River Coho Salmon



005

NOAA Technical Memorandum NMFS-NWFSC-24, September 1995
Status Review of Coho Salmon from Washington, Oregon, and California

Status Review Update Memos (under construction)



FEDERAL REGISTER NOTICES:

[Federal Register Notices for Coho Salmon](#) §

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Updated April 1, 1999